

**APPENDIX D.**  
**VEGETATION MATRICES**

**Table D1. Acreage Summary of Segment 1 for 1989, 1994/1995, 1996-2003.**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	13.3	19.2	27.2	18.6	12.2	12.6	16.3	18.7	24.2	23.1
Cordgrass	9.0	1.4	3.4	2.8	9.7	1.94	0.9	1.5	0.5	0.6
Pickleweed-Cordgrass Mix	14.1	0.0	0.0	1.3	0.8	0.7	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Gumplant	0.0	0.0	0.0	0.0	0.02	0.1	0.1	0.1	0.1	0.1
Peripheral Halophytes	1.0	1.5	1.7	0.0	3.86	1.43	1.2	4.4	0.3	0.5
<b>Total Salt Dominant Species:</b>	<b>37.4</b>	<b>22.1</b>	<b>32.3</b>	<b>22.7</b>	<b>26.58</b>	<b>16.8</b>	<b>18.5</b>	<b>24.8</b>	<b>25.2</b>	<b>24.4</b>
Brackish Marsh Vegetation										
Alkali Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peppergrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spearscale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>37.4</b>	<b>22.1</b>	<b>32.3</b>	<b>23.3</b>	<b>26.58</b>	<b>27.1</b>	<b>24.4</b>	<b>24.8</b>	<b>25.2</b>	<b>24.4</b>

**Table D2. Acreage Summary of Segment 2 for 1989, 1994/1995, 1996-2003.**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	26.1	35.5	32.9	32.4	19.0	36.2	36.4	32.5	39.3	37.7
Cordgrass	13.7	2.3	2.6	3.8	10.5	3.1	1.5	3.1	0.4	0.6
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	1.8	0.0	0.0	0.7	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4
Gumplant	0.0	0.0	0.0	0.2	0.2	1.4	1.0	1.6	1.3	1.2
Peripheral Halophytes	3.9	2.3	1.6	0.7	3.88	2.2	2.0	5.0	0.6	0.8
<b>Total Salt Dominant Species:</b>	<b>43.7</b>	<b>40.1</b>	<b>37.1</b>	<b>38.9</b>	<b>33.58</b>	<b>42.9</b>	<b>41.6</b>	<b>42.1</b>	<b>41.8</b>	<b>41.7</b>
Brackish Marsh Vegetation										
Alkali Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peppergrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spearscale	0.0	0.0	0.0	0.4	7.5	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.4</b>	<b>7.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>43.7</b>	<b>40.1</b>	<b>37.1</b>	<b>39.8</b>	<b>41.2</b>	<b>42.9</b>	<b>41.7</b>	<b>42.1</b>	<b>41.8</b>	<b>41.7</b>

**Table D3. Acreage Summary of Segment 3 for 1989, 1994/1995, 1996-2003.**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	160.1	114.7	79.3	95.1	98.7	118.3	187.4	163.7	149.7	179.3
Cordgrass	0.6	3.4	2.9	86.6	104.6	15.9	46.3	70.6	42.1	57.8
Pickleweed-Cordgrass Mix	0.0	69.9	98.8	36.0	0.0	83.3	0.0	0.0	102.1	66.8
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
Jaumea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gumplant	0.0	0.0	2.7	6.9	2.2	7.4	6.6	7.6	4.6	4.8
Peripheral Halophytes	0.4	2.6	1.1	1.0	3.02	1.0	1.3	0.7	0.7	1.2
<b>Total Salt Dominant Species:</b>	<b>161.1</b>	<b>190.6</b>	<b>184.8</b>	<b>225.6</b>	<b>208.62</b>	<b>225.9</b>	<b>241.5</b>	<b>242.6</b>	<b>299.2</b>	<b>310.0</b>
Brackish Marsh Vegetation										
Alkali Bulrush	0.0	0.0	0.1	0.0	49.2	50.8	39.9	44.2	13.2	17.6
Peppergrass	0.0	1.1	1.2	1.6	1.8	1.8	1.5	2.6	1.8	2.4
Spearsscale	0.0	0.0	0.0	0.2	2.4	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>0.0</b>	<b>1.1</b>	<b>1.3</b>	<b>1.8</b>	<b>53.4</b>	<b>52.6</b>	<b>41.4</b>	<b>46.7</b>	<b>15</b>	<b>20</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>161.1</b>	<b>191.7</b>	<b>212.3</b>	<b>227.6</b>	<b>262.1</b>	<b>278.5</b>	<b>282.9</b>	<b>289.4</b>	<b>314.2</b>	<b>330.0</b>

**Table D4. Acreage Summary of Segment 4 for 1989, 1994/1995, 1996-2003.**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	49.1	43.9	46.9	50.1	49.8	47.6	57.5	53.3	53.2	55.3
Cordgrass	6.2	6.2	4.1	5.6	12.9	17.1	9.9	6.5	12.6	8.8
Pickleweed-Cordgrass Mix	0.0	3.4	6.2	7.2	0.1	0.0	0.0	9.8	10.0	12.2
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.5	0.2
Gumplant	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3
Peripheral Halophytes	0.6	2.4	1.5	0.9	2.1	1.7	1.8	0.5	0.4	0.6
<b>Total Salt Dominant Species:</b>	<b>55.9</b>	<b>55.9</b>	<b>58.7</b>	<b>64.0</b>	<b>65</b>	<b>66.5</b>	<b>69.4</b>	<b>70.5</b>	<b>77.0</b>	<b>77.4</b>
Brackish Marsh Vegetation										
Alkali Bulrush	0.0	0.0	0.0	0.0	4.8	6.2	7.2	5.5	0.5	0.2
Peppergrass	0.4	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.0
Spearsscale	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>0.4</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>5.0</b>	<b>6.4</b>	<b>7.3</b>	<b>5.6</b>	<b>0.6</b>	<b>0.2</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>56.3</b>	<b>56.0</b>	<b>58.8</b>	<b>64.0</b>	<b>70.0</b>	<b>72.9</b>	<b>76.7</b>	<b>76.1</b>	<b>77.6</b>	<b>77.6</b>

**Table D5. Acreage Summary of Segment 5 for 1989, 1994/1995, 1996-2003.**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	60.4	62.3	30.5	36.6	34.4	41.6	44.5	43.4	47.4	45.4
Cordgrass	0.3	2.1	2.7	2.6	3.6	2.3	2.0	0.9	1.6	1.7
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	18.9	7.9	2.2	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.2	0.1	0.4	0.2	0.3	1.2	1.3
Gumplant	0.0	0.0	0.0	0.1	0.0	0.3	0.2	0.9	0.8	0.9
Peripheral Halophytes	1.2	0.5	1.0	2.8	3.55	6.6	4.2	2.6	1.8	1.9
<b>Total Salt Dominant Species:</b>	<b>61.9</b>	<b>64.9</b>	<b>53.1</b>	<b>50.2</b>	<b>43.85</b>	<b>52.3</b>	<b>51.2</b>	<b>48.1</b>	<b>52.8</b>	<b>51.2</b>
Brackish Marsh Vegetation										
Alkali Bulrush	24.4	19.2	27.3	32.1	34.7	32.0	31.4	32.6	26.3	26.8
Peppergrass	0.8	1.4	2.4	4.0	3.4	7.5	7.5	8.1	9.4	10.6
Spearscale	0.0	0.0	0.0	3.7	13.6	0.1	0.6	0.2	0.1	0.5
<b>Total Brackish Dominant Species:</b>	<b>25.2</b>	<b>20.6</b>	<b>29.7</b>	<b>39.8</b>	<b>51.7</b>	<b>39.6</b>	<b>39.5</b>	<b>40.8</b>	<b>35.8</b>	<b>37.9</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>87.1</b>	<b>85.5</b>	<b>82.8</b>	<b>90.0</b>	<b>95.5</b>	<b>92.4</b>	<b>91.4</b>	<b>89.0</b>	<b>88.6</b>	<b>89.1</b>

**Table D6. Acreage Summary of Segment 8 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	199.7	204.9	151.8	149.4	101.0	171.1	182.4	181.5	199.2	199.1
Cordgrass	23.1	11.7	10.2	22.5	98.0	32.5	17.8	16.7	14.9	15.8
Pickleweed-Cordgrass Mix	0.0	0.0	49.0	25.7	0.0	0.0	0.0	4.8	0.8	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	1.2	1.5
Gumplant	0.0	0.0	0.0	23.8	25.7	27.5	29.7	32.1	29.2	26.9
Saltgrass	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.7
Peripheral Halophytes	11.1	10.0	7.8	6.0	14.34	7.7	5.8	6.5	3.3	3.7
<b>Total Salt Dominant Species:</b>	<b>233.9</b>	<b>226.6</b>	<b>218.8</b>	<b>227.5</b>	<b>239.1</b>	<b>245.7</b>	<b>239.0</b>	<b>241.5</b>	<b>248.6</b>	<b>244.0</b>
Brackish Marsh Vegetation										
Alkali Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peppergrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spearscale	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>233.9</b>	<b>226.6</b>	<b>215.3</b>	<b>228.5</b>	<b>239.1</b>	<b>248.7</b>	<b>239.0</b>	<b>241.5</b>	<b>248.6</b>	<b>244.0</b>

**Table D7. Acreage Summary of Segment 9 for 1989, 1994/1995, 1996-2003.**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	46.0	32.4	15.4	10.0	3.5	6.0	5.4	7.7	31.8	12.8
Cordgrass	4.4	8.9	3.9	6.6	7.3	4.7	2.6	3.4	5.1	6.5
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.1	0.0	0.2	0.4	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.4	0.2
Gumplant	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.5	0.2	0.0
Peripheral Halophytes	0.0	0.0	1.3	2.0	3.3	1.2	1.3	0.4	0.1	0.8
<b>Total Salt Dominant Species:</b>	<b>50.4</b>	<b>41.3</b>	<b>20.9</b>	<b>19.2</b>	<b>14.1</b>	<b>12.6</b>	<b>10.3</b>	<b>12.1</b>	<b>37.6</b>	<b>20.3</b>
Brackish Marsh Vegetation										
Alkali Bulrush	15.4	22.2	44.1	50.4	67.0	60.2	56.9	56.7	33.0	50.4
Peppergrass	0.6	1.3	1.2	1.7	1.4	4.3	4.8	5.7	6.2	5.4
Spearscale	0.0	0.0	0.0	1.5	1.9	3.0	2.1	0.5	0.1	0.0
<b>Total Brackish Dominant Species:</b>	<b>16.0</b>	<b>23.5</b>	<b>45.3</b>	<b>53.6</b>	<b>70.2</b>	<b>67.5</b>	<b>63.8</b>	<b>62.8</b>	<b>39.3</b>	<b>55.8</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Freshwater Dominant Species:</b>	<b>66.4</b>	<b>64.8</b>	<b>66.2</b>	<b>72.8</b>	<b>84.8</b>	<b>80.2</b>	<b>74.2</b>	<b>74.9</b>	<b>76.9</b>	<b>76.1</b>

**Table D8. Acreage Summary of Segment 10 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	24.2	21.2	10.7	10.4	8.3	8.0	9.2	9.0	35.6	28.1
Cordgrass	6.4	11.0	8.4	8.3	5.0	3.6	1.5	2.0	1.4	1.5
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.3	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.7	0.1	0.6	0.6	1.6	0.2	0.4	0.1	0.2	0.0
<b>Total Salt Dominant Species:</b>	<b>31.3</b>	<b>32.3</b>	<b>19.7</b>	<b>19.3</b>	<b>14.9</b>	<b>12.0</b>	<b>11.8</b>	<b>12.4</b>	<b>37.2</b>	<b>29.7</b>
Brackish Marsh Vegetation										
Alkali Bulrush	10.2	5.8	19.7	24.3	37.1	30.7	30.4	32.0	9.2	17.0
Peppergrass	2.5	1.7	1.6	2.7	1.7	6.3	5.4	5.8	4.7	5.2
Spearscale	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>12.7</b>	<b>7.5</b>	<b>21.3</b>	<b>27.0</b>	<b>38.9</b>	<b>37.0</b>	<b>35.9</b>	<b>37.8</b>	<b>13.9</b>	<b>22.2</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>44.0</b>	<b>39.8</b>	<b>41.0</b>	<b>46.3</b>	<b>53.8</b>	<b>49.0</b>	<b>47.7</b>	<b>50.2</b>	<b>51.1</b>	<b>51.9</b>

**Table D9. Acreage Summary of Segment 11 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	<u>Year</u>									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	17.4	22.4	3.8	3.9	1.7	1.8	3.0	2.9	20.6	2.3
Cordgrass	0.0	1.6	1.1	1.1	1.6	2.3	0.6	1.1	1.6	1.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Peripheral Halophytes	1.0	0.0	0.4	1.1	1.5	1.2	0.2	0.3	0.0	0.3
<b>Total Salt Dominant Species:</b>	<b>18.4</b>	<b>24.0</b>	<b>5.4</b>	<b>6.4</b>	<b>5.0</b>	<b>5.3</b>	<b>3.9</b>	<b>4.4</b>	<b>22.4</b>	<b>3.9</b>
Brackish Marsh Vegetation										
Alkali Bulrush	51.0	48.8	63.4	64.4	68.5	68.6	65.9	64.8	47.9	63.4
Peppergrass	6.2	5.6	6.2	6.4	5.5	8.2	10.4	10.7	9.9	10.3
Spearscale	0.0	0.0	0.0	1.2	1.1	0.4	0.2	0.0	0.0	2.0
<b>Total Brackish Dominant Species:</b>	<b>57.2</b>	<b>54.4</b>	<b>69.6</b>	<b>72.0</b>	<b>75.1</b>	<b>77.2</b>	<b>76.5</b>	<b>75.6</b>	<b>57.8</b>	<b>75.7</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>75.6</b>	<b>78.4</b>	<b>75.1</b>	<b>78.3</b>	<b>80.7</b>	<b>82.6</b>	<b>80.5</b>	<b>80.0</b>	<b>80.2</b>	<b>79.7</b>

**Table D10. Acreage Summary of Segment 12 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	<u>Year</u>									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	0.2	2.8	0.6	2.0	0.7	0.5	2.1	0.8	2.7	0.4
Cordgrass	0.0	2.2	1.1	1.1	0.7	1.4	0.2	0.0	0.8	1.3
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Saltgrass-Gumplant Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Peripheral Halophytes	0.0	0.0	1.7	1.1	2.0	2.2	2.4	0.0	1.7	0.8
<b>Total Salt Dominant Species:</b>	<b>0.2</b>	<b>5.0</b>	<b>3.8</b>	<b>4.3</b>	<b>3.5</b>	<b>4.1</b>	<b>4.8</b>	<b>0.8</b>	<b>5.4</b>	<b>2.6</b>
Brackish Marsh Vegetation										
Alkali Bulrush	25.7	21.2	25.4	24.1	29.12	24.2	26.4	22.0	21.0	20.3
Peppergrass	12.2	17.5	13.4	14.5	9.9	18.4	14.3	22.1	18.4	22.1
Spearscale	0.0	0.0	0.0	0.5	1.7	0.0	0.1	0.0	0.2	0.3
<b>Total Brackish Dominant Species:</b>	<b>37.9</b>	<b>38.7</b>	<b>38.8</b>	<b>39.0</b>	<b>40.71</b>	<b>42.6</b>	<b>40.8</b>	<b>44.1</b>	<b>39.6</b>	<b>42.7</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>
<b>Total Segment Acreage</b>	<b>38.1</b>	<b>43.7</b>	<b>43.1</b>	<b>43.5</b>	<b>44.5</b>	<b>47.4</b>	<b>46.0</b>	<b>45.2</b>	<b>50.7</b>	<b>45.6</b>

**Table D11. Acreage Summary of Segment 13 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	0.0	0.4	0.8	1.5	0.5	0.4	0.5	0.0	0.4	0.2
Cordgrass	0.0	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.3
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.4	0.0	11.9	7.0	4.0	3.1	1.8	0.0	0.4	1.5
<b>Total Salt Dominant Species:</b>	<b>0.4</b>	<b>0.8</b>	<b>12.7</b>	<b>8.7</b>	<b>4.5</b>	<b>3.5</b>	<b>2.4</b>	<b>0.1</b>	<b>0.9</b>	<b>2.0</b>
Brackish Marsh Vegetation										
Alkali Bulrush	95.3	79.9	84.8	73.3	74.7	76.1	83.8	78.7	80.5	76.9
Peppergrass	15.8	26.8	13.6	15.6	19.6	23.6	14.4	15.9	20.2	19.8
Spearscale	0.0	0.0	0.0	9.0	6.3	0.0	0.3	3.4	2.7	1.1
<b>Total Brackish Dominant Species:</b>	<b>111.1</b>	<b>106.7</b>	<b>98.4</b>	<b>97.9</b>	<b>100.6</b>	<b>99.7</b>	<b>98.5</b>	<b>98.0</b>	<b>103.4</b>	<b>97.8</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	1.3	4.3	5.7	7.0	5.7	4.4	13.7	16.6
Cattail	0.0	0.0	0.1	0.2	1.8	1.1	2.2	0.8	2.2	2.4
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>1.4</b>	<b>4.5</b>	<b>7.5</b>	<b>8.1</b>	<b>7.9</b>	<b>5.2</b>	<b>15</b>	<b>19.0</b>
<b>Total Segment Acreage</b>	<b>111.5</b>	<b>107.5</b>	<b>113.0</b>	<b>115.5</b>	<b>112.6</b>	<b>119.4</b>	<b>108.8</b>	<b>103.2</b>	<b>119.3</b>	<b>118.8</b>

**Table D12. Acreage Summary of Segment 14 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	5.9	8.9	3.4	2.5	0.5	0.8	6.7	0.5	8.4	5.6
Cordgrass	3.2	2.0	1.5	2.1	2.0	2.4	1.4	2.1	1.6	1.9
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.7	0.0	0.0	0.6	0.9	1.4	1.0	0.7	1.3	0.5
<b>Total Salt Dominant Species:</b>	<b>9.8</b>	<b>10.9</b>	<b>4.9</b>	<b>5.2</b>	<b>3.4</b>	<b>4.6</b>	<b>9.1</b>	<b>3.4</b>	<b>11.3</b>	<b>8.0</b>
Brackish Marsh Vegetation										
Alkali Bulrush	10.6	9.1	14.6	16.7	19.3	18.5	13.8	18.4	11.0	14.2
Peppergrass	0.0	0.1	0.5	0.3	0.1	0.4	0.3	1.1	1.3	1.3
Spearscale	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>10.6</b>	<b>9.2</b>	<b>15.1</b>	<b>17.0</b>	<b>19.4</b>	<b>18.9</b>	<b>14.0</b>	<b>19.5</b>	<b>12.3</b>	<b>15.5</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>20.4</b>	<b>20.1</b>	<b>20.0</b>	<b>22.2</b>	<b>23.0</b>	<b>23.9</b>	<b>23.2</b>	<b>22.9</b>	<b>23.3</b>	<b>23.5</b>

**Table D13. Acreage Summary of Segment 15 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	9.1	4.2	2.0	1.2	0.4	0.2	5.2	8.2	9.0	6.2
Cordgrass	0.0	0.7	0.4	0.7	0.2	0.8	0.1	0.3	0.0	0.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.0	0.0	0.2	0.5	0.8	1.4	0.1	0.2	0.9	0.6
<b>Total Salt Dominant Species:</b>	<b>9.1</b>	<b>4.9</b>	<b>2.6</b>	<b>2.3</b>	<b>1.3</b>	<b>2.4</b>	<b>5.3</b>	<b>8.8</b>	<b>9.9</b>	<b>6.8</b>
Brackish Marsh Vegetation										
Alkali Bulrush	20.2	16.7	18.7	17.9	22.5	21.0	15.6	11.5	10.8	13.3
Peppergrass	0.0	7.8	7.4	8.9	6.1	9.8	9.6	10.2	10.2	10.7
Spearscale	0.0	0.0	0.0	0.3	0.7	0.2	0.1	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>20.2</b>	<b>24.5</b>	<b>26.1</b>	<b>27.2</b>	<b>29.2</b>	<b>31.0</b>	<b>25.2</b>	<b>21.7</b>	<b>21.0</b>	<b>24.0</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>29.3</b>	<b>29.4</b>	<b>28.7</b>	<b>29.5</b>	<b>30.5</b>	<b>33.4</b>	<b>30.6</b>	<b>30.5</b>	<b>30.9</b>	<b>30.8</b>

**Table D14. Acreage Summary of Segment 16 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Cordgrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.0	0.0	2.1	1.1	0.0	0.0	0.0	0.4	0.1	0.4
<b>Total Salt Dominant Species:</b>	<b>0.0</b>	<b>0.1</b>	<b>2.1</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>0.3</b>	<b>0.6</b>
Brackish Marsh Vegetation										
Alkali Bulrush	37.2	29.4	35.3	18.2	33.6	28.2	26.9	23.4	26.7	25.7
Peppergrass	11.0	14.8	5.7	4.0	0.9	12.3	11.5	16.2	10.9	13.4
Spearscale	0.0	0.0	0.0	18.4	5.7	0.9	2.1	1.1	3.2	0.2
<b>Total Brackish Dominant Species:</b>	<b>48.2</b>	<b>44.2</b>	<b>41.0</b>	<b>40.6</b>	<b>40.2</b>	<b>41.4</b>	<b>40.4</b>	<b>40.7</b>	<b>40.8</b>	<b>39.3</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.3	0.7	0.7	3.4	3.7	3.4	4.4	4.8
Cattail	0.0	0.0	0.1	0.1	0.34	0.1	0.6	0.4	0.5	0.6
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.4</b>	<b>0.9</b>	<b>1.04</b>	<b>3.5</b>	<b>4.3</b>	<b>3.8</b>	<b>4.9</b>	<b>5.4</b>
<b>Total Segment Acreage</b>	<b>48.2</b>	<b>44.2</b>	<b>45.1</b>	<b>43.3</b>	<b>41.24</b>	<b>54.8</b>	<b>44.7</b>	<b>45.1</b>	<b>46.0</b>	<b>45.3</b>

**Table D15. Acreage Summary of Segment 17 for 1989, 1994/1995, 1996-2003**  
**DOMINANT SPECIES CATEGORY**

	<u>Year</u>									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	0.0	1.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Cordgrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	1.8	2.3	0.0	0.1	0.0	0.0	1.8	2.2
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Peripheral Halophytes	3.3	0.0	0.0	1.1	2.1	1.8	0.0	0.0	0.0	5.2
<b>Total Salt Dominant Species:</b>	<b>3.3</b>	<b>1.8</b>	<b>1.8</b>	<b>3.5</b>	<b>2.1</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>1.9</b>	<b>7.4</b>
Brackish Marsh Vegetation										
Alkali Bulrush	90.1	75.9	75.9	44.5	76.3	68.3	66.5	63.9	63.6	61.2
Peppergrass	8.8	18.9	18.9	21.1	11.7	28.4	29.4	29.0	22.9	29.7
Spearscale	0.0	0.0	0.0	26.6	11.3	0.0	1.8	0.3	7.6	0.5
<b>Total Brackish Dominant Species:</b>	<b>98.9</b>	<b>94.8</b>	<b>94.8</b>	<b>92.2</b>	<b>99.3</b>	<b>96.7</b>	<b>97.8</b>	<b>93.2</b>	<b>94.1</b>	<b>91.4</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.2
Cattail	0.0	0.0	0.0	0.5	0.7	0.2	1.2	0.9	1.0	2.2
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>0.8</b>	<b>0.2</b>	<b>1.3</b>	<b>0.9</b>	<b>1.1</b>	<b>2.4</b>
<b>Total Segment Acreage</b>	<b>102.2</b>	<b>96.6</b>	<b>96.6</b>	<b>98.4</b>	<b>102.2</b>	<b>102.8</b>	<b>99.2</b>	<b>94.1</b>	<b>97.1</b>	<b>101.2</b>

**Table D16. Acreage Summary of Segment 18 for 1989, 1994/1995, 1996-2003**  
**DOMINANT SPECIES CATEGORY**

	<u>Year</u>									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	1.0	2.1	0.8	1.6	0.6	0.7	1.3	0.7	0.6	0.2
Cordgrass	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.9	0.1	1.3	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.3	0.2	0.3	0.1	0.1	0.2	0.0	0.4	0.3
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.0	0.0	0.6	1.7	1.3	2.1	1.0	1.1	1.1	3.7
<b>Total Salt Dominant Species:</b>	<b>1.0</b>	<b>2.4</b>	<b>2.5</b>	<b>3.8</b>	<b>3.5</b>	<b>2.9</b>	<b>2.5</b>	<b>1.8</b>	<b>2.1</b>	<b>4.2</b>
Brackish Marsh Vegetation										
Alkali Bulrush	33.5	24.2	24.7	13.4	24.2	22.9	23.9	21.1	20.9	20.3
Peppergrass	3.3	8.2	7.2	4.4	2.3	8.3	6.2	10.4	8.2	9.2
Spearscale	0.0	0.0	0.0	12.1	3.7	1.3	1.5	0.2	3.2	1.3
<b>Total Brackish Dominant Species:</b>	<b>36.8</b>	<b>32.4</b>	<b>31.9</b>	<b>29.8</b>	<b>30.3</b>	<b>32.5</b>	<b>31.7</b>	<b>31.6</b>	<b>32.3</b>	<b>30.8</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.2	0.3	0.4
Cattail	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.3	0.0	0.4
Giant Reed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>0.3</b>	<b>0.1</b>	<b>0.4</b>	<b>0.5</b>	<b>0.3</b>	<b>0.8</b>
<b>Total Segment Acreage</b>	<b>37.8</b>	<b>33.8</b>	<b>38.7</b>	<b>36.8</b>	<b>34.1</b>	<b>38.3</b>	<b>34.5</b>	<b>33.9</b>	<b>34.7</b>	<b>35.8</b>

**Table D17. Acreage Summary of Segment 19 for 1989, 1994/1995, 1996-2003**  
**DOMINANT SPECIES CATEGORY**

Salt Marsh Vegetation	<u>Year</u>									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Pickleweed	7.0	11.3	2.6	2.1	0.7	1.0	2.7	10.4	7.2	1.6
Cordgrass	0.0	2.0	1.8	0.7	0.1	0.5	0.0	0.0	0.1	0.2
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Ikali Heath	0.0	0.4	0.2	0.3	0.0	0.1	0.2	0.0	0.4	0.3
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.0	0.5	1.5	2.8	3.6	3.8	3.1	2.7	2.3	1.5
<b>Total Salt Dominant Species:</b>	<b>7.0</b>	<b>14.2</b>	<b>6.7</b>	<b>6.0</b>	<b>4.4</b>	<b>5.6</b>	<b>6.0</b>	<b>13.1</b>	<b>10</b>	<b>3.6</b>
<u>Brackish Marsh Vegetation</u>										
Alkali Bulrush	29.9	22.1	31.4	24.7	30.01	29.8	27.4	17.7	23.4	29.0
Peppergrass	0.5	1.1	1.7	1.2	0.9	2.0	2.3	2.2	2.0	2.2
Spearsscale	0.0	0.0	0.0	4.2	0.85	0.1	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>30.4</b>	<b>23.2</b>	<b>33.1</b>	<b>30.1</b>	<b>31.85</b>	<b>31.9</b>	<b>29.7</b>	<b>19.9</b>	<b>25.4</b>	<b>31.2</b>
<u>Freshwater Marsh Vegetation</u>										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.2	0.0	0.6	0.6	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.6</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>37.4</b>	<b>37.1</b>	<b>40.8</b>	<b>36.2</b>	<b>36.25</b>	<b>38.4</b>	<b>36.3</b>	<b>33.0</b>	<b>33.0</b>	<b>34.8</b>

**Table D18. Acreage Summary of Segment 20 for 1989, 1994/1995, 1996-2003**  
**DOMINANT SPECIES CATEGORY**

Salt Marsh Vegetation	<u>Year</u>									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Pickleweed	30.8	31.2	18.6	18.2	14.6	14.4	13.6	18.0	29.8	20.5
Cordgrass	2.4	6.0	5.0	4.7	2.7	2.6	1.7	1.6	2.5	3.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.1	0.2	0.0	0.3	0.1	0.0	0.0
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.0	0.0	1.6	1.4	3.3	1.9	1.3	1.3	1.6	1.5
<b>Total Salt Dominant Species:</b>	<b>33.2</b>	<b>37.2</b>	<b>25.2</b>	<b>24.5</b>	<b>20.9</b>	<b>18.9</b>	<b>16.9</b>	<b>21.6</b>	<b>33.9</b>	<b>25.0</b>
<u>Brackish Marsh Vegetation</u>										
Alkali Bulrush	26.5	17.0	28.9	33.1	36.4	37.9	36.8	31.4	22.0	30.4
Peppergrass	1.9	3.3	2.5	3.3	3.3	6.7	7.2	6.6	5.6	6.0
Spearsscale	0.0	0.0	0.0	0.1	2.1	0.1	0.1	0.1	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>28.4</b>	<b>20.3</b>	<b>31.4</b>	<b>36.5</b>	<b>41.8</b>	<b>44.7</b>	<b>44.0</b>	<b>38.2</b>	<b>27.6</b>	<b>36.4</b>
<u>Freshwater Marsh Vegetation</u>										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>61.6</b>	<b>57.5</b>	<b>56.7</b>	<b>61.1</b>	<b>62.7</b>	<b>63.6</b>	<b>61.0</b>	<b>59.7</b>	<b>61.5</b>	<b>61.4</b>

**Table D19. Acreage Summary of Segment 21 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	2.7	7.0	2.9	2.2	1.1	1.0	3.6	4.6	5.4	5.1
Cordgrass	0.5	0.4	0.3	0.4	0.3	0.2	0.1	0.1	0.0	0.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.0	3.6	0.4	0.3	1.2	0.9	1.9	1.4	1.1	1.6
<b>Total Salt Dominant Species:</b>	<b>3.2</b>	<b>11.0</b>	<b>3.6</b>	<b>2.9</b>	<b>2.7</b>	<b>2.1</b>	<b>5.6</b>	<b>6.1</b>	<b>6.6</b>	<b>6.9</b>
Brackish Marsh Vegetation										
Alkali Bulrush	19.8	15.1	18.6	17.6	20.6	20.5	18.4	14.9	15.4	15.8
Peppergrass	2.9	3.7	4.1	5.3	3.4	6.2	5.1	0.1	5.9	5.5
Spearscale	0.0	0.0	0.0	0.8	1.0	0.2	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>22.7</b>	<b>18.8</b>	<b>22.7</b>	<b>23.7</b>	<b>24.9</b>	<b>26.9</b>	<b>23.5</b>	<b>15.0</b>	<b>21.3</b>	<b>21.3</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>25.9</b>	<b>29.8</b>	<b>26.7</b>	<b>26.7</b>	<b>27.6</b>	<b>29.0</b>	<b>29.1</b>	<b>21.1</b>	<b>27.9</b>	<b>28.2</b>

**Table D20. Acreage Summary of Segment 22 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	Year									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	7.5	6.1	7.3	6.1	5.2	5.0	5.5	4.9	4.9	5.1
Cordgrass	2.7	3.9	2.8	3.8	3.5	4.7	2.3	4.1	4.1	8.3
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	0.4	0.0	0.5	1.0	1.2	0.9	0.9	0.0	0.0	1.2
<b>Total Salt Dominant Species:</b>	<b>10.6</b>	<b>10.0</b>	<b>10.6</b>	<b>10.9</b>	<b>9.9</b>	<b>10.7</b>	<b>8.7</b>	<b>9.0</b>	<b>9.0</b>	<b>13.4</b>
Brackish Marsh Vegetation										
Alkali Bulrush	0.0	0.0	0.2	1.0	2.9	2.7	4.6	2.3	2.3	3.8
Peppergrass	0.0	0.2	0.4	0.0	0.0	0.6	0.7	3.6	3.6	0.2
Spearscale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>0.0</b>	<b>0.2</b>	<b>0.6</b>	<b>1.0</b>	<b>2.9</b>	<b>3.3</b>	<b>5.4</b>	<b>6.0</b>	<b>6.0</b>	<b>4.0</b>
Freshwater Marsh Vegetation										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>10.6</b>	<b>10.2</b>	<b>11.2</b>	<b>11.9</b>	<b>12.8</b>	<b>14.1</b>	<b>14.1</b>	<b>14.9</b>	<b>14.9</b>	<b>17.4</b>

**Table D21. Acreage Summary of Segment 23 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	<u>Year</u>									
	1989	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation										
Pickleweed	8.8	14.1	14.1	11.1	10.2	10.2	10.9	13.1	8.8	13.1
Cordgrass	7.9	3.7	3.6	4.8	6.2	5.9	6.2	7.0	7.9	8.4
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.1	0.0	1.3	0.2	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.2	0.0	0.0	0.2	0.3	0.3	0.0	0.3
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Saltgrass	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.2
Peripheral Halophytes	1.9	0.0	0.8	1.4	1.7	1.5	1.7	1.2	1.9	1.2
<b>Total Salt Dominant Species:</b>	<b>18.6</b>	<b>17.8</b>	<b>18.7</b>	<b>17.4</b>	<b>18.1</b>	<b>19.1</b>	<b>20.0</b>	<b>21.6</b>	<b>18.6</b>	<b>23.2</b>
<u>Brackish Marsh Vegetation</u>										
Alkali Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
Peppergrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Spearsscale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4.0</b>
<u>Freshwater Marsh Vegetation</u>										
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Segment Acreage</b>	<b>18.6</b>	<b>17.8</b>	<b>21.2</b>	<b>17.7</b>	<b>18.1</b>	<b>19.8</b>	<b>20.1</b>	<b>21.6</b>	<b>18.6</b>	<b>27.2</b>

**Table D22. Acreage Summary of Segment 24 for 1989, 1994/1995, 1996-2003**

## DOMINANT SPECIES CATEGORY

	<u>Year</u>									
	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003	
Salt Marsh Vegetation										
Pickleweed	0.8	0.2	0.6	0.6	0.2	1.3	0.6	0.8	0.0	
Cordgrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Peripheral Halophytes	1.5	2.2	0.7	0.8	0.5	1.0	0.0	0.0	0.0	
<b>Total Salt Dominant Species:</b>	<b>2.3</b>	<b>2.4</b>	<b>1.3</b>	<b>1.4</b>	<b>0.7</b>	<b>2.3</b>	<b>0.6</b>	<b>0.8</b>	<b>0.1</b>	
<u>Brackish Marsh Vegetation</u>										
Alkali Bulrush	1.5	2.0	1.8	2.2	2.4	2.7	2.0	2.1	2.7	
Peppergrass	7.0	6.0	5.7	5.12	7.1	4.6	7.5	6.6	6.6	
Spearsscale	0.0	0.0	0.0	0.5	0.1	0.1	0.0	0.1	0.0	
<b>Total Brackish Dominant Species:</b>	<b>8.5</b>	<b>8.0</b>	<b>7.5</b>	<b>7.82</b>	<b>9.6</b>	<b>7.4</b>	<b>9.5</b>	<b>8.8</b>	<b>9.3</b>	
<u>Freshwater Marsh Vegetation</u>										
California Bulrush	1.4	1.6	1.9	2.0	2.6	2.8	2.2	2.9	3.1	
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Total Freshwater Dominant Species:</b>	<b>1.4</b>	<b>1.6</b>	<b>1.9</b>	<b>2.0</b>	<b>2.6</b>	<b>2.8</b>	<b>2.2</b>	<b>2.9</b>	<b>3.1</b>	
<b>Total Segment Acreage</b>	<b>20.2</b>	<b>12.1</b>	<b>10.7</b>	<b>11.2</b>	<b>12.9</b>	<b>12.4</b>	<b>12.3</b>	<b>12.5</b>	<b>12.4</b>	

\* Segment 24 not mapped in 1989

**Table D23. Acreage Summary of Segment 25\* for 1994/1995, 1996-2003****DOMINANT SPECIES CATEGORY**

	<u>Year</u>								
	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation									
Pickleweed	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Cordgrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	5.3	4.0	2.6	4.21	1.0	0.0	0.0	0.1	0.1
<b>Total Salt Dominant Species:</b>	<b>5.3</b>	<b>4.0</b>	<b>2.6</b>	<b>4.21</b>	<b>1.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>0.2</b>
Brackish Marsh Vegetation									
Alkali Bulrush	2.9	4.3	3.4	5.56	5.8	6.5	4.9	5.7	3.6
Peppergrass	10.4	7.7	6.5	3.43	7.6	7.1	8.8	7.6	7.2
Spearscale	0.0	0.0	0.3	0.47	0.1	0.1	0.0	0.3	0.0
<b>Total Brackish Dominant Species:</b>	<b>13.3</b>	<b>12.0</b>	<b>10.3</b>	<b>9.46</b>	<b>13.5</b>	<b>13.7</b>	<b>13.7</b>	<b>13.6</b>	<b>10.8</b>
Freshwater Marsh Vegetation									
California Bulrush	29.8	30.3	31.3	36.11	38.6	36.2	35.9	34.2	34.0
Cattail	0.2	0.8	1.5	1.35	2.0	1.3	2.1	2.2	4.6
Knotweed	0.0	0.0	0.0	0.14	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>30.0</b>	<b>31.1</b>	<b>32.8</b>	<b>37.6</b>	<b>40.6</b>	<b>37.5</b>	<b>38.0</b>	<b>36.4</b>	<b>38.6</b>
<b>Total Segment Acreage</b>	<b>48.6</b>	<b>47.2</b>	<b>46.2</b>	<b>51.27</b>	<b>55.3</b>	<b>51.3</b>	<b>51.7</b>	<b>50.1</b>	<b>49.6</b>

\* Segment 25 not mapped in 1989

**Table D24. Acreage Summary of Segment 26\* for 1994/1995, 1996-2003****DOMINANT SPECIES CATEGORY**

	<u>Year</u>								
	1994/ 1995	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation									
Pickleweed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cordgrass	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickleweed-Spearsscale Mix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gumplant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	1.3	1.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0
<b>Total Salt Dominant Species:</b>	<b>1.3</b>	<b>1.3</b>	<b>0.8</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Brackish Marsh Vegetation									
Alkali Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peppergrass	2.5	2.6	0.6	0.2	2.9	3.3	0.5	0.3	0.0
Spearscale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>2.5</b>	<b>2.6</b>	<b>0.6</b>	<b>0.2</b>	<b>3.0</b>	<b>3.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.0</b>
Freshwater Marsh Vegetation									
California Bulrush	17.8	18.7	17.5	18.8	18.0	18.4	18.4	18.8	19.1
Cattail	0.1	0.2	0.4	0.3	0.1	1.0	0.6	0.9	0.4
Knotweed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>17.9</b>	<b>18.9</b>	<b>17.9</b>	<b>19.1</b>	<b>18.1</b>	<b>19.4</b>	<b>19.0</b>	<b>19.7</b>	<b>19.5</b>
<b>Total Segment Acreage</b>	<b>23.7</b>	<b>23.1</b>	<b>23.0</b>	<b>19.4</b>	<b>23.7</b>	<b>22.8</b>	<b>19.5</b>	<b>20.0</b>	<b>19.5</b>

\* Segment 26 not mapped in 1989

**Table D25. Acreage Summary of Segment 27\* for 1996-2003****DOMINANT SPECIES CATEGORY**

	<u>Year</u>							
	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation								
Pickleweed	0.0	0.9	0.0	0.0	0.9	1.0	0.8	0.5
Cordgrass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peripheral Halophytes	1.0	2.1	2.3	0.0	0.3	0.0	0.0	0.0
<b>Total Salt Dominant Species:</b>	<b>1.0</b>	<b>3.0</b>	<b>2.3</b>	<b>0.0</b>	<b>1.2</b>	<b>1.0</b>	<b>0.8</b>	<b>0.5</b>
Brackish Marsh Vegetation								
Alkali Bulrush	11.4	9.1	8.9	7.4	7.7	7.4	7.9	5.4
Peppergrass	0.6	1.7	0.1	1.2	1.9	1.2	1.9	0.0
Spearscale**	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.2
<b>Total Brackish Dominant Species:</b>	<b>12.0</b>	<b>10.8</b>	<b>9.1</b>	<b>8.6</b>	<b>9.6</b>	<b>8.6</b>	<b>9.9</b>	<b>5.6</b>
Freshwater Marsh Vegetation								
California Bulrush	3.3	4.4	6.7	4.7	5.8	6.2	5.5	5.8
Cattail	7.6	7.8	8.4	10.8	9.8	9.5	8.7	9.3
<b>Total Freshwater Dominant Species:</b>	<b>10.9</b>	<b>12.2</b>	<b>15.2</b>	<b>15.5</b>	<b>15.6</b>	<b>15.8</b>	<b>14.2</b>	<b>15.1</b>
<b>Total Segment Acreage</b>	<b>35.0</b>	<b>35.7</b>	<b>35.7</b>	<b>24.1</b>	<b>26.5</b>	<b>25.4</b>	<b>24.9</b>	<b>20.2</b>

\*Segment 27 not mapped in 1989 and 1994/1995

\*\*Not a Dominant Species Category in 1996

**Table D26. Acreage Summary of Segment 28\* for 1989, 1996-2003****DOMINANT SPECIES CATEGORY**

	<u>Year</u>							
	1989	1996	1997	1998	1999	2000	2001	2002
Salt Marsh Vegetation								
Pickleweed	0.0	0.5	0.2	0.1	0.1	0.0	0.1	0.0
Cordgrass	8.6	1.6	1.8	0.8	0.0	0.0	1.1	0.0
Peripheral Halophytes	0.0	0.3	1.4	4.0	3.4	1.6	0.6	0.0
<b>Total Salt Dominant Species:</b>	<b>8.6</b>	<b>2.4</b>	<b>3.4</b>	<b>4.8</b>	<b>3.5</b>	<b>1.6</b>	<b>1.8</b>	<b>0.0</b>
Brackish Marsh Vegetation								
Alkali Bulrush	47.7	53.7	49.8	61.9	57.0	55.8	59.2	56.2
Peppergrass	8.3	9.9	15.8	2.2	10.2	13.6	9.0	16.9
Spearscale**	0.0	0.0	0.1	0.2	0.0	0.1	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>56.0</b>	<b>63.5</b>	<b>65.7</b>	<b>64.3</b>	<b>67.2</b>	<b>69.5</b>	<b>68.3</b>	<b>70.0</b>
Freshwater Marsh Vegetation								
California Bulrush	0.3	10.5	9.1	15.5	15.6	15.1	9.4	11.0
Cattail	0.0	0.3	0.4	0.5	0.6	0.5	1.4	0.9
<b>Total Freshwater Dominant Species:</b>	<b>0.3</b>	<b>10.8</b>	<b>9.5</b>	<b>16.0</b>	<b>16.2</b>	<b>15.6</b>	<b>10.8</b>	<b>11.9</b>
<b>Total Segment Acreage</b>	<b>64.9</b>	<b>77.8</b>	<b>78.9</b>	<b>85.7</b>	<b>90.3</b>	<b>86.9</b>	<b>80.9</b>	<b>85.4</b>

\*Segment 28 not mapped in 1994/1995

\*\*Not a Dominant Species Category in 1996

**Table D27. Acreage Summary of Segment 29\* for 1989, 1996-2003****DOMINANT SPECIES CATEGORY**

	Year								
	1989	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation									
Pickleweed	20.1	14.8	12.1	9.0	9.3	6.6	8.0	14.6	6.3
Cordgrass	14.3	5.6	6.8	4.6	2.3	1.7	5.7	7.7	10.2
Peripheral Halophytes	0.0	2.2	4.3	5.8	5.6	4.4	0.0	4.3	4.8
<b>Total Salt Dominant Species:</b>	<b>34.4</b>	<b>22.5</b>	<b>23.2</b>	<b>19.4</b>	<b>17.2</b>	<b>12.7</b>	<b>13.6</b>	<b>26.6</b>	<b>21.3</b>
Brackish Marsh Vegetation									
Alkali Bulrush	24.6	48.4	47.2	58.7	65.5	62.2	61.6	50.5	55.8
Peppergrass	10.8	10.0	9.5	3.9	11.0	13.3	13.2	15.5	17.0
Spearscale**	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>35.4</b>	<b>58.3</b>	<b>57.0</b>	<b>62.6</b>	<b>76.6</b>	<b>75.5</b>	<b>74.8</b>	<b>66.0</b>	<b>72.8</b>
Freshwater Marsh Vegetation									
California Bulrush	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>0.4</b>	<b>0.0</b>	<b>0.1</b>	<b>0.1</b>
<b>Total Segment Acreage</b>	<b>69.8</b>	<b>81.1</b>	<b>80.6</b>	<b>82.0</b>	<b>94.3</b>	<b>88.6</b>	<b>88.5</b>	<b>92.7</b>	<b>94.2</b>

\*Segment 29 not mapped in 1994/1995

\*\*Not a Dominant Species Category in 1996

**Table D28. Acreage Summary of Segment 30\* for 1989, 1996-2003.****DOMINANT SPECIES CATEGORY**

	Year								
	1989	1996	1997	1998	1999	2000	2001	2002	2003
Salt Marsh Vegetation									
Pickleweed	23.5	26.5	23.1	19.7	21.0	24.7	26.4	32.1	32.8
Cordgrass	15.5	8.0	9.8	10.7	13.0	3.3	12.3	13.5	13.0
Pickleweed-Cordgrass Mix	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Alkali Heath	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.1	0.0
Saltgrass	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0
Peripheral Halophytes	3.1	1.5	2.6	2.9	3.7	2.5	0.3	1.2	2.4
<b>Total Salt Dominant Species:</b>	<b>42.1</b>	<b>36.0</b>	<b>35.5</b>	<b>33.3</b>	<b>37.7</b>	<b>32.9</b>	<b>39.1</b>	<b>46.9</b>	<b>48.2</b>
Brackish Marsh Vegetation									
Alkali Bulrush	0.0	1.5	1.7	6.5	5.5	11.6	4.3	2.5	5.9
Peppergrass	1.3	2.0	0.0	0.0	0.0	1.1	3.3	2.1	0.6
Spearscale**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Brackish Dominant Species:</b>	<b>1.3</b>	<b>3.4</b>	<b>1.7</b>	<b>6.5</b>	<b>5.5</b>	<b>12.7</b>	<b>7.6</b>	<b>4.6</b>	<b>6.5</b>
Freshwater Marsh Vegetation									
California Bulrush	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cattail	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Freshwater Dominant Species:</b>	<b>0.0</b>								
<b>Total Segment Acreage</b>	<b>43.4</b>	<b>39.4</b>	<b>37.7</b>	<b>40.8</b>	<b>46.8</b>	<b>45.7</b>	<b>46.7</b>	<b>51.5</b>	<b>54.7</b>

\*Segment 30 not mapped in 1994/1995

\*\*Not a Dominant Species Category in 1996